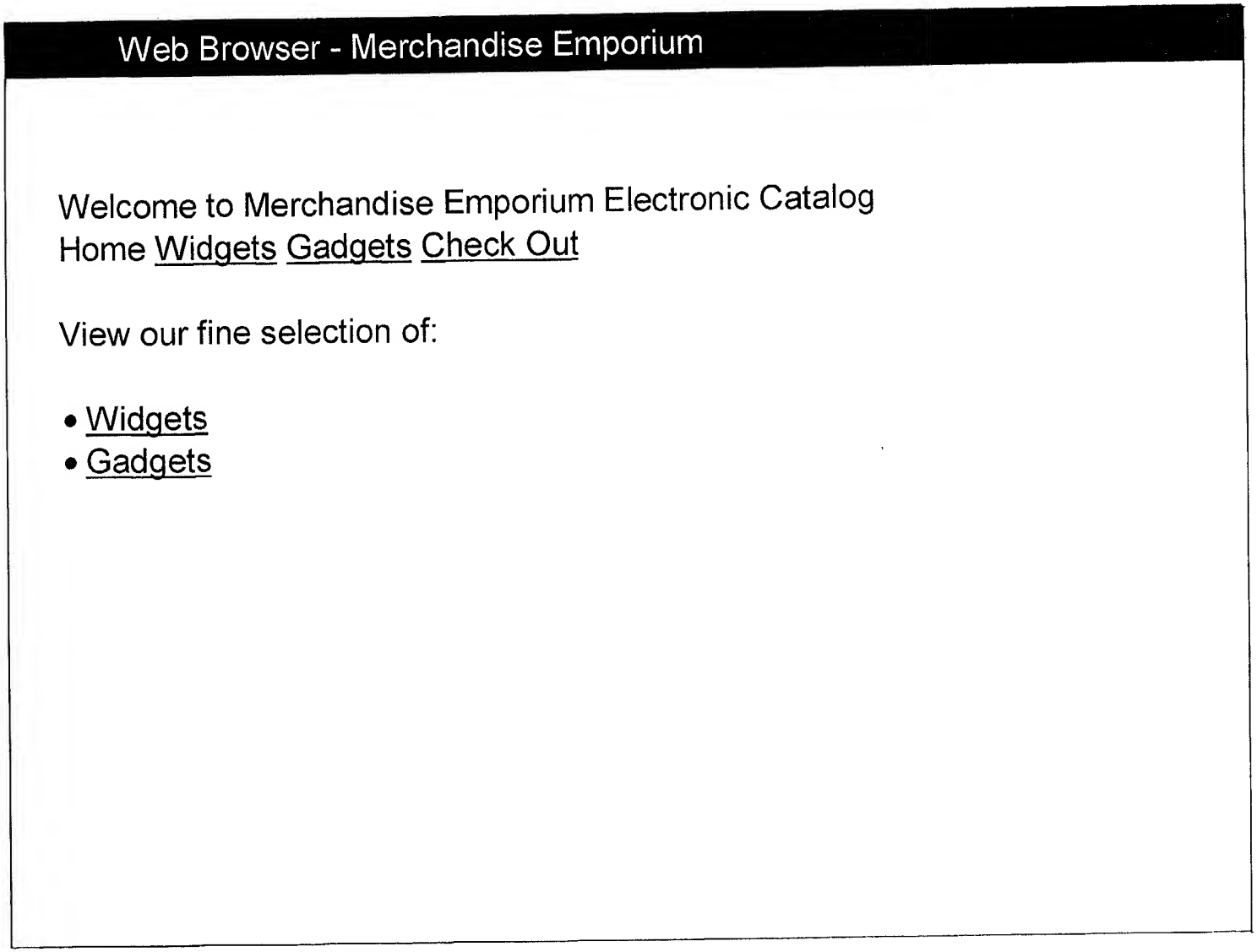
Web Browser - Merchandise Emporium
Welcome to Merchandise Emporium Electronic Catalog
Home Widgets Gadgets Check Out
View our fine selection of:
• Widgets
• Gadgets

FIGURE 1

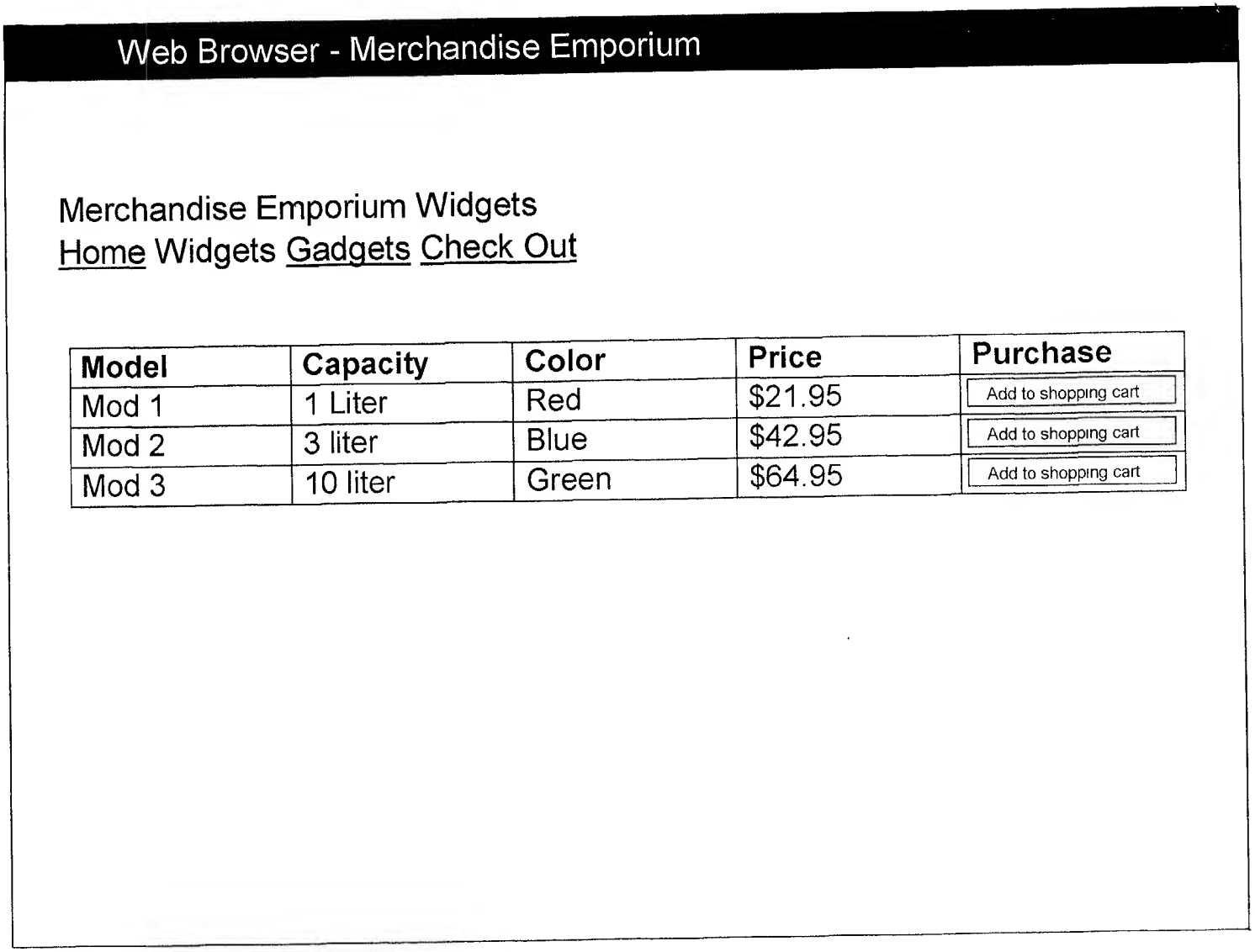
Web Browser - Merchandise Emporium
Merchandise Emporium Widgets
Home Widgets Gadgets Check Out
Model
Capacity
Color
Price
Purchase
Mod 1
1 Liter
Red
$21.95
Add to shopping cart
Mod 2
3 liter
Blue
$42.95
Add to shopping cart
Mod 3
10 liter
Green
$64.95
Add to shopping cart

FIGURE 2

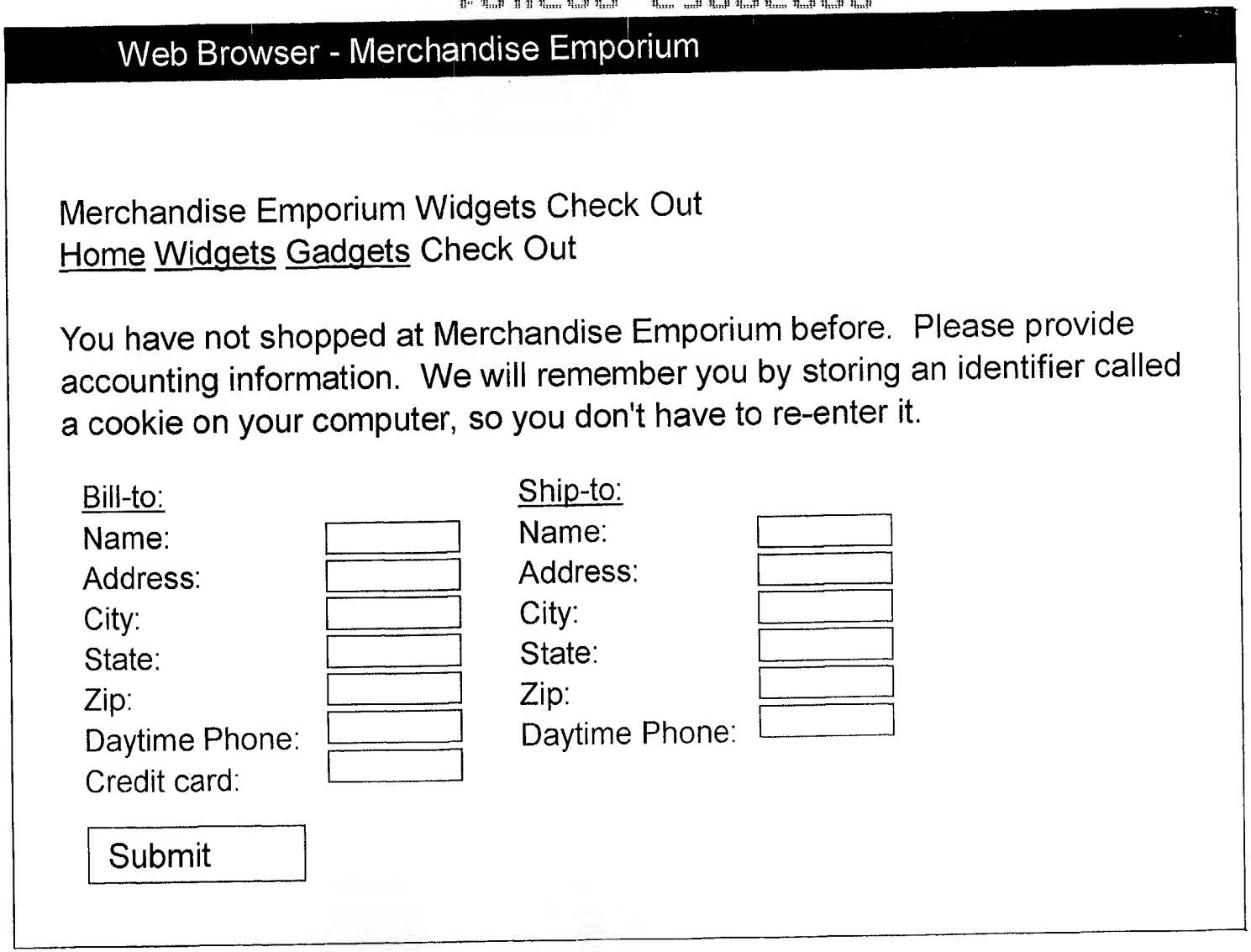
Web Browser - Merchandise Emporium
Merchandise Emporium Widgets Check Out
Home Widgets Gadgets Check Out
You have not shopped at Merchandise Emporium before. Please provide accounting information. We will remember you by storing an identifier called a cookie on your computer, so you don't have to re-enter it.
Bill-to:
Name:
Address:
City:
State:
Zip:
Daytime Phone:
Credit card:
Ship-to:
Name:
Address:
City:
State:
Zip:
Daytime Phone:
Submit

FIGURE 3

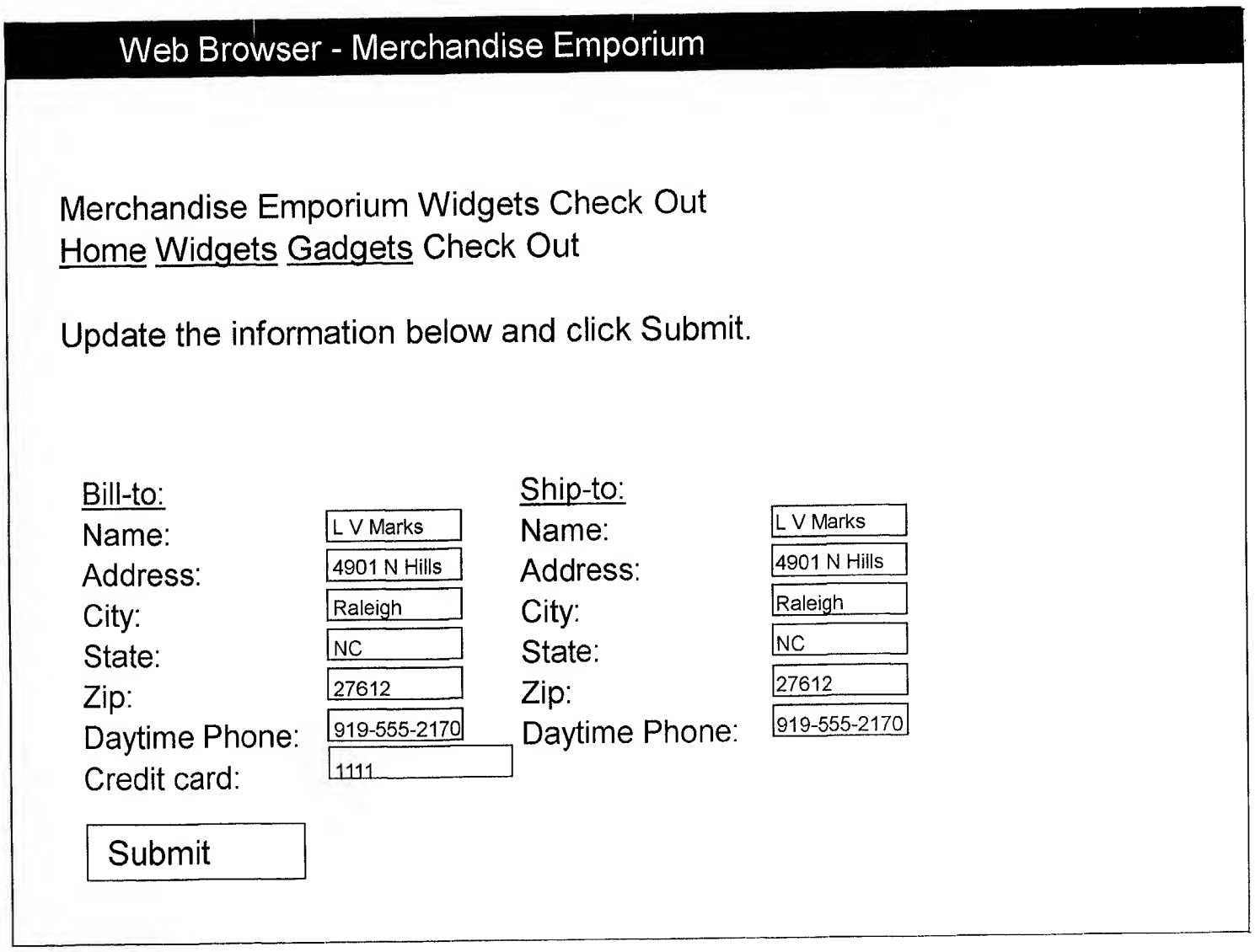
Web Browser - Merchandise Emporium
Merchandise Emporium Widgets Check Out
Home Widgets Gadgets Check Out
Update the information below and click Submit.
Bill-to:
Name: L V Marks
Address: 4901 N Hills
City: Raleigh
State: NC
Zip: 27612
Daytime Phone: 919-555-2170
Credit card: 1111
Ship-to:
Name: L V Marks
Address: 4901 N Hills
City: Raleigh
State: NC
Zip: 27612
Daytime Phone: 919-555-2170
Submit

FIGURE 4

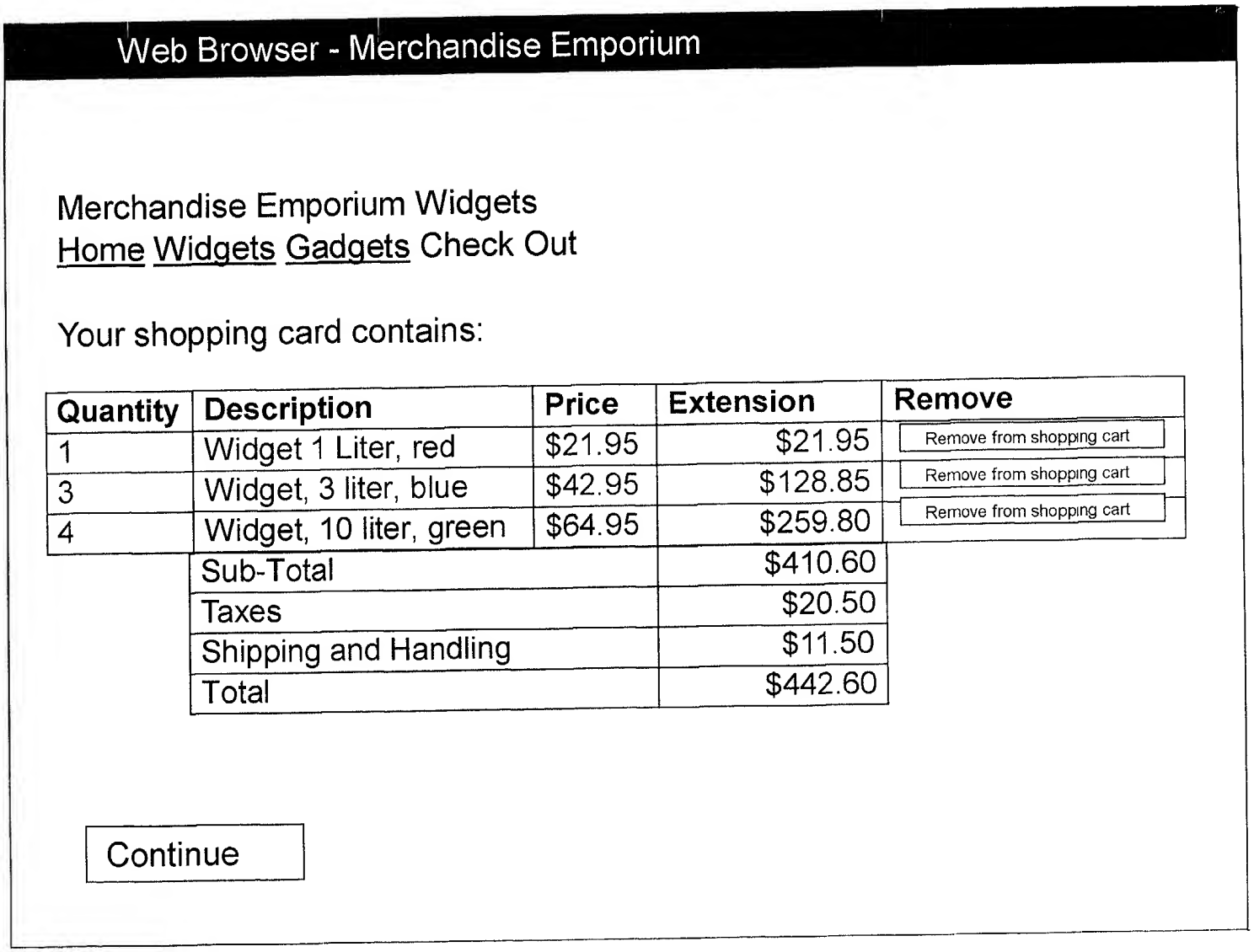
Web Browser - Merchandise Emporium
Merchandise Emporium Widgets
Home Widgets Gadgets Check Out
Your shopping card contains:
Quantity
Description
Price
Extension
Remove
1
Widget 1 Liter, red
$21.95
$21.95
Remove from shopping cart
3
Widget, 3 liter, blue
$42.95
$128.85
Remove from shopping cart
4
Widget, 10 liter, green
$64.95
$259.80
Remove from shopping cart
Sub-Total
$410.60
Taxes
$20.50
Shipping and Handling
$11.50
Total
$442.60
Continue

FIGURE 5

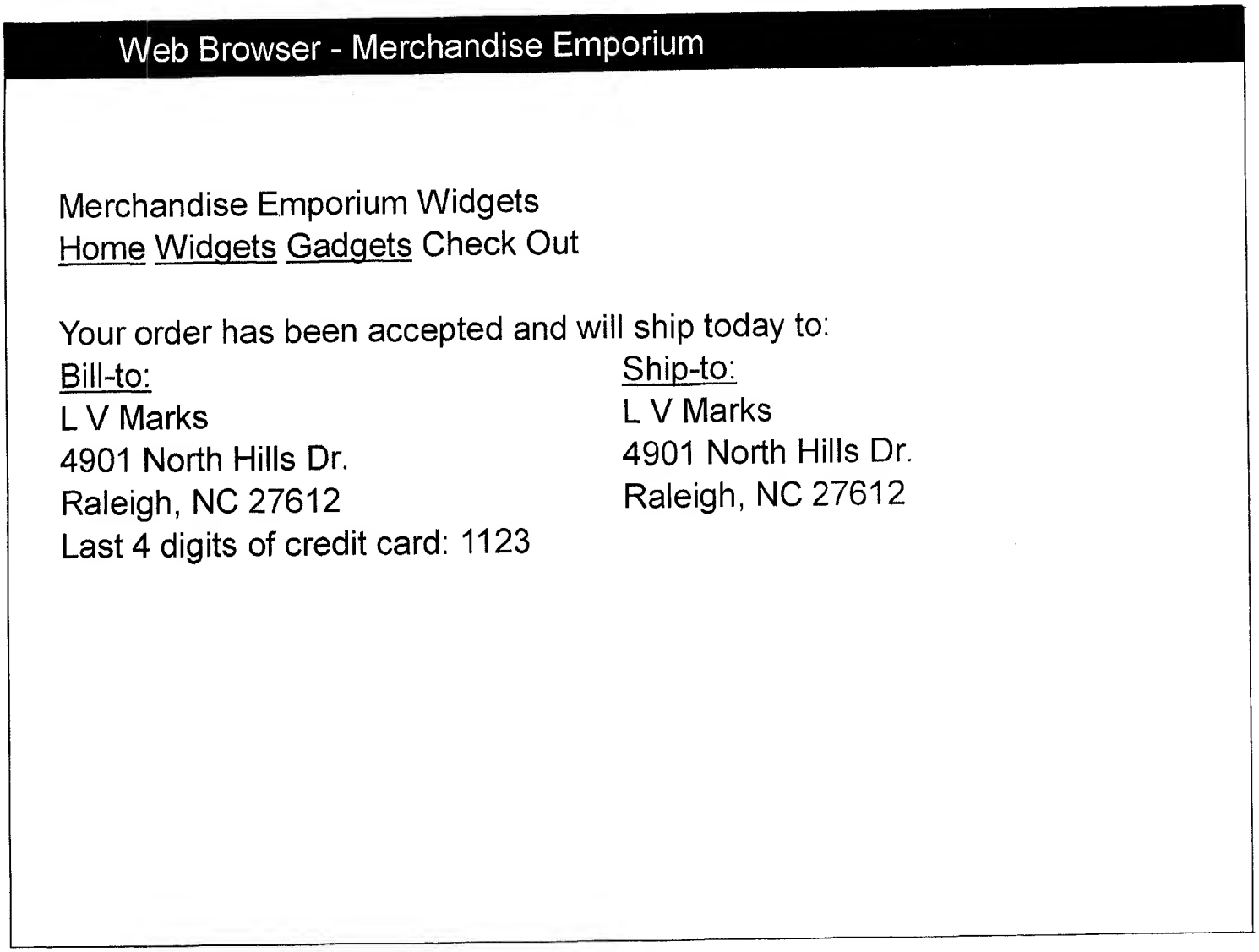
Web Browser - Merchandise Emporium
Merchandise Emporium Widgets
Home Widgets Gadgets Check Out
Your order has been accepted and will ship today to:
Bill-to:
L V Marks
4901 North Hills Dr.
Raleigh, NC 27612
Last 4 digits of credit card: 1123
Ship-to:
L V Marks
4901 North Hills Dr.
Raleigh, NC 27612

FIGURE 6

Web Browser - Merchandise Emporium

Merchandise Emporium Widgets

Home Widgets Gadgets Check Out

Order Number: 11223344 Customer Number: 55667788

Order	Delete	Edit	Last 4 digits of credit card	Ship-to Address	Bill-to Address
Order using this information	Delete this line of information	Edit this line of information	1122	L V Marks 4901 North Hills Dr. Raleigh, NC 27612	L V Marks 4901 North Hills Dr. Raleigh, NC 27612
Order using this information	Delete this line of information	Edit this line of information	1122	Daniel Marks 8602 Wissahickon Phila, PA 19128	L V Marks 4901 North Hills Dr. Raleigh, NC 27612
Order using this information	Delete this line of information	Edit this line of information	1122	Mrs Naomi Price 16820 Flotilla Way Woodbridge, VA 22191	L V Marks 4901 North Hills Dr Raleigh, NC 27612
Order using this information	Delete this line of information	Edit this line of information	3344	IBM Corp. Dept 4GJ 3039 Cornwallis Rd. RTP, NC 27709	IBM Corp Acct Payable 3039 Cornwallis Rd. RTP, NC 27709

Create a new line of information

Quantity	Description	Price	Extension	Remove
1	Widget 1 Liter, red	$21.95	$21.95	Remove from shopping cart
3	Widget, 3 liter, blue	$42.95	$128.85	Remove from shopping cart
4	Widget, 10 liter, green	$64.95	$259.80	Remove from shopping cart
	Sub-Total		$410.60	
	Taxes		$20.50	
	Shipping and Handling		$11.50	
	Total		$442.60	

FIGURE 7

HTML for buttons

1st Order button: <INPUT TYPE=SUBMIT NAME="order1" VALUE="Order using this information">
2nd Order button: <INPUT TYPE=SUBMIT NAME="order2" VALUE="Order using this information">

...

1st Delete button: <INPUT TYPE=SUBMIT NAME="delete1" VALUE="Delete this line of information">
2nd Delete button: <INPUT TYPE=SUBMIT NAME="delete2" VALUE="Delete this line of information">

...

1st Edit button: <INPUT TYPE=SUBMIT NAME="edit1" VALUE="Edit this line of information">
2nd Edit button: <INPUT TYPE=SUBMIT NAME="edit2" VALUE="Edit this line of information">

...

1st Remove button: <INPUT TYPE=SUBMIT NAME="remove1" VALUE="Remove from shopping cart">
2nd Remove button: <INPUT TYPE=SUBMIT NAME="remove2" VALUE="Remove from shopping cart">

...

FIGURE 8

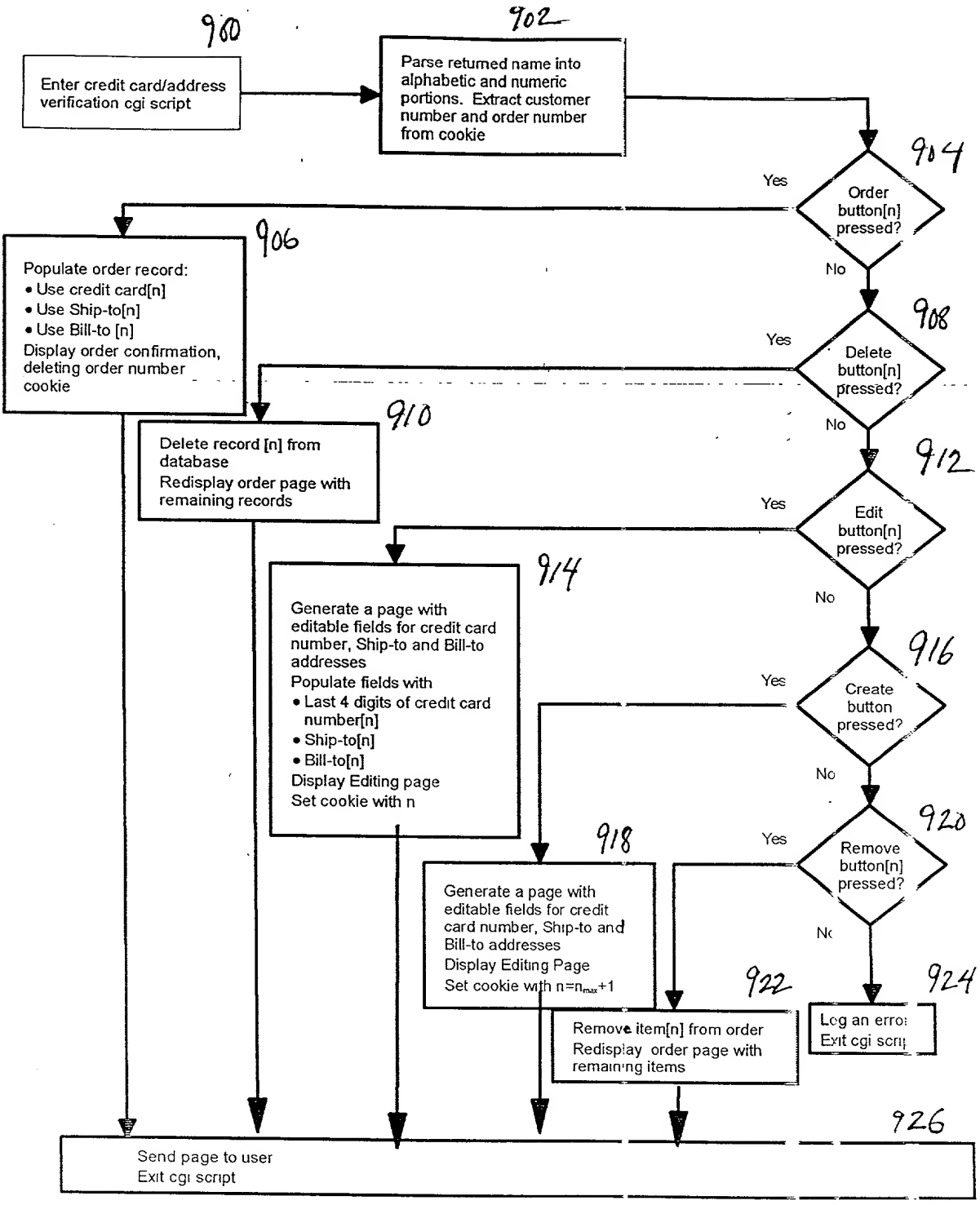
900
Enter credit card/address verification cgi script
902
Parse returned name into alphabetic and numeric portions. Extract customer number and order number from cookie
904
Order button[n] pressed?
Yes
No
906
Populate order record:
• Use credit card[n]
• Use Ship-to[n]
• Use Bill-to [n]
Display order confirmation, deleting order number cookie
908
Delete button[n] pressed?
Yes
No
910
Delete record [n] from database
Redisplay order page with remaining records
912
Edit button[n] pressed?
Yes
No
914
Generate a page with editable fields for credit card number, Ship-to and Bill-to addresses
Populate fields with
• Last 4 digits of credit card number[n]
• Ship-to[n]
• Bill-to[n]
Display Editing page
Set cookie with n
916
Create button pressed?
Yes
No
918
Generate a page with editable fields for credit card number, Ship-to and Bill-to addresses
Display Editing Page
Set cookie with n=n_max+1
920
Remove button[n] pressed?
Yes
No
922
Remove item[n] from order
Redisplay order page with remaining items
924
Log an erro
Exit cgi scri
926
Send page to user
Exit cgi script

Fig 9

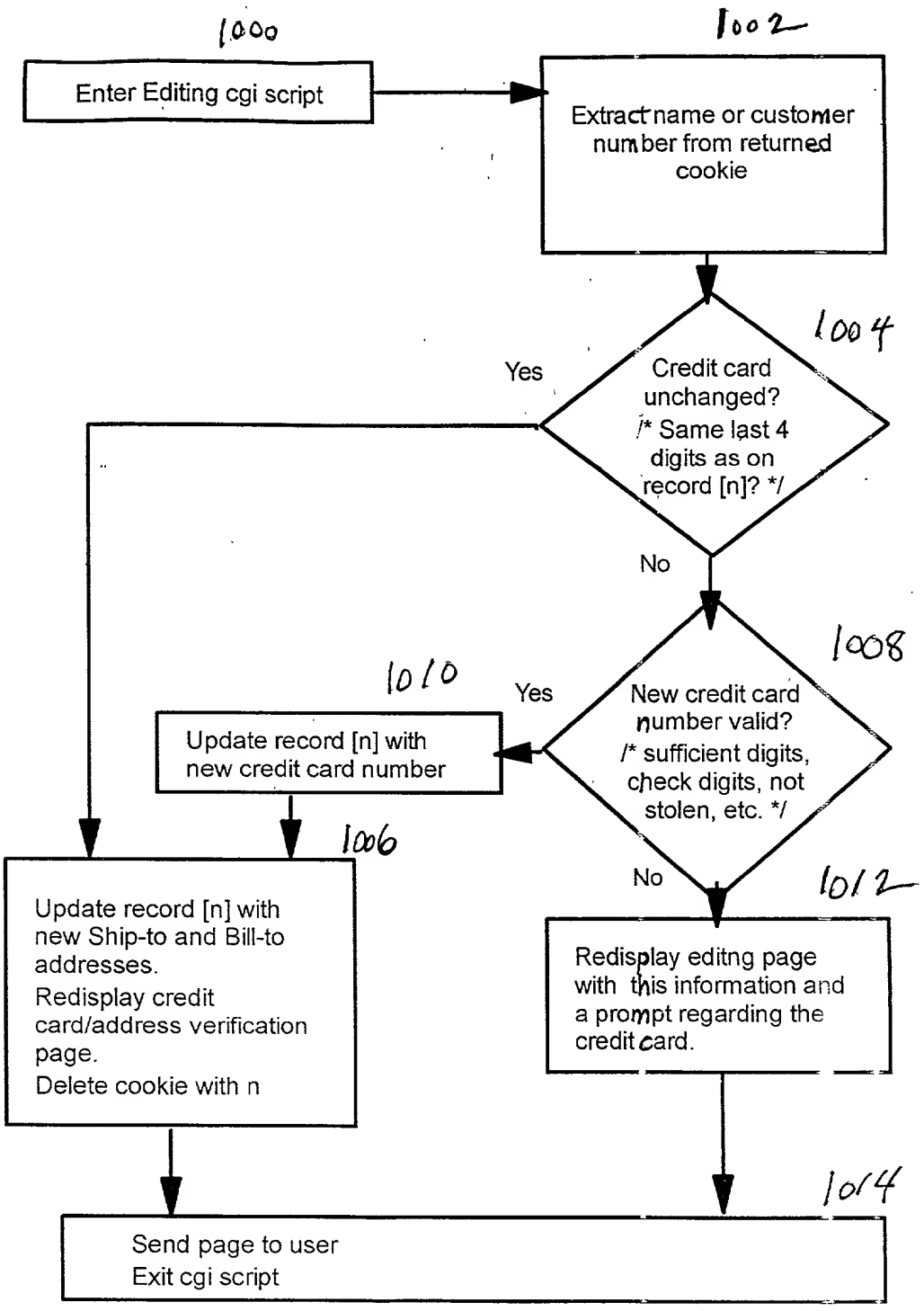
1000
Enter Editing cgi script
1002
Extract name or customer number from returned cookie
1004
Credit card unchanged? /* Same last 4 digits as on record [n]? */
Yes
No
1008
New credit card number valid? /* sufficient digits, check digits, not stolen, etc. */
Yes
1010
Update record [n] with new credit card number
No
1012
Redisplay editng page with this information and a prompt regarding the credit card.
1006
Update record [n] with new Ship-to and Bill-to addresses.
Redisplay credit card/address verification page.
Delete cookie with n
1014
Send page to user
Exit cgi script

FIGURE 10

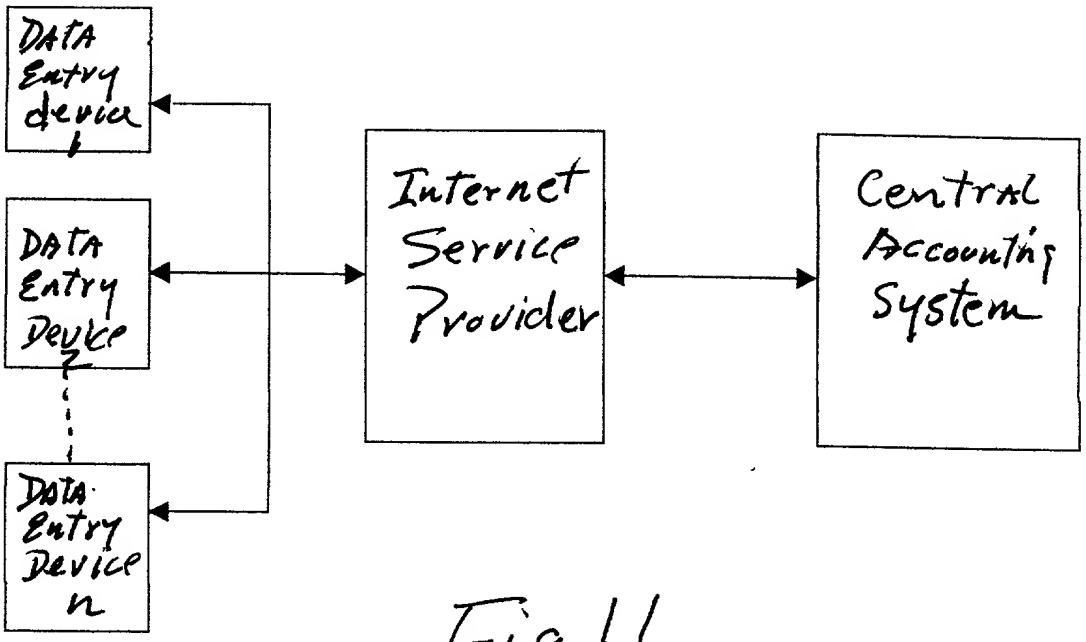
DATA Entry device 1
DATA Entry Device 2
DATA Entry Device n
Internet Service Provider
Central Accounting System

Fig 11